APPENDIX A: DNA SEQUENCES

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>RXA00013

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GATATTCAAAAGGCGTGGATGAGCGTTGCCACCCACCCTGCAACGCTGCGCATGTTCGGC
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>RXA00013-downstream TAGCAACACATGAGCAAATATGC

>RXA00014-upstream

 ${\tt CATCAAAGTGACCGCCGGCGCGTCGAATGGTCCGTTGCAGGAAACGCGGAAGCAGTTAGTGAGATCTCCGAAACTTTAAGCGCACTAGACTAGCAACAC}$

>RXA00014

>RXA00014-downstream
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>RXA00030-upstream

>RXA00030

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CCAGATGCAGCGACTTACCAAGCTGGAATTAAACGAGACGGTATTCCCGCTACACAGTTT
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>RXA00030-downstream
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>RXA00032-upstream
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>RXA00032

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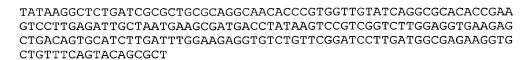
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>RXA00038-upstream

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>RXA00038-downstream TAGTTGTCGGTTCAAGGGTAGGG

>RXA00041-upstream

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>RXA00041

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>RXA00042

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>RXA00042-downstream
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>RXA00043-upstream

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>RXA00043-downstream TAAATACGAGCAAAACTTTCCTG

>RXA00055-upstream

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>RXA00098

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>RXA00149

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>RXA00196-upstream

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>RXA00196

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>RXA00206-upstream

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>RXA00206

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>RXA00224-upstream

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>RXA00225-upstream

>RXA00225

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>RXA00225-downstream TAGCCACTATCTTCACAAAGGAG

>RXA00235-upstream

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>RXA00235

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>RXA00235-downstream
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>RXA00246-upstream

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>RXA00251-upstream

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>RXA00251

>RXA00251-downstream



>RXA00268-upstream

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>RXA00268

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>RXA00288-upstream

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>RXA00288

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>RXA00290-upstream

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>RXA00290

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>RXA00293-upstream

>RXA00293

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>RXA00296

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>RXA00296-downstream
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>RXA00309-upstream

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>RXA00309

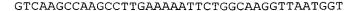
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>RXA00310

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>RXA00310-downstream TAGCGCTTTACCGAGAGCATTCC



>RXA00327-upstream

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>RXA00327

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>RXA00328-upstream

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>RXA00328

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>RXA00329-upstream

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>RXA00329

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>RXA00329-downstream TAAAGATCGGGTAAAACCTGTGG

>RXA00340-upstream

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>RXA00340

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>RXA00379-upstream

>RXA00379

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>RXA00385

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>RXA00386-upstream

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>RXA00388

>RXA00388-downstream

>RXA00406

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>RXA00427-upstream

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>RXA00427

>RXA00427-downstream TAGATCAGTTTTAGTAGTTCCTC

>RXA00483-upstream

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>RXA00483

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>RXA00511

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>RXA00512

>RXA00514

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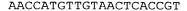
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>RXA00518

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>RXA00521

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>RXA00608

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>RXA00682-upstream

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>RXA00683-upstream

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>RXA00705

>RXA00705-downstream
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>RXA00782-upstream

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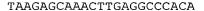
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CACGACAATCCCCTAGATTGGGACAACGCGCGCAAGAAATTCGATGCCCTTGTCACACCA
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>RXA01077-downstream TAAAACTTTTTGAAAGGAGCTCA

>RXA01089-upstream

>RXA01089

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>RXA01089-downstream TAGATCGTAAGTGGTGTCGTACC

>RXA01093-upstream

 ${\tt CAGAGGCGTAGAACATTGTCTGTTCACACTCTGGGTCGCAAGATTCATCGAGAATTAATGGTAGCTACCTGTGGCTTGAGGGGGAATGACGTACTAGGCTT}$

>RXA01093

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>RXA01093-downstream TAATCGCTTAAATCTTTCAAAAA

>RXA01099-upstream

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>RXA01099

>RXA01099-downstream TAAAATGGGCGTGGCAATTCGAG

>RXA01111-upstream

>RXA01111

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>RXA01130

>RXA01130-downstream TAATTAGAGATCCATTTGCTTGA

>RXA01133-upstream

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>RXA01133

>RXA01193-upstream CACCAGGAGTCGGT

>RXA01193

>RXA01193-downstream TAAGGTAGAGACACATGGCTGAA

>RXA01194-upstream

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>RXA01194

>RXA01194-downstream TAAACCTCCGTTTAGCTGAAGTA

>RXA01200

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>RXA01200-downstream TAAAGACACGACGAATTAGACAA

>RXA01201-upstream
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>RXA01201

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>RXA01201-downstream TAAGGCAGCGAGCCTACACTAAA

>RXA01202-upstream AGAAAGACCAGCTCACCGTTTCCCGCAAGGTCAGCAAGAAGTAAGGCAGCGAGCCTACAC TAAATGACTGTCCAAGCAACTGAAGGGAGGCGTGTGAACC

>RXA01202

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>RXA01202-downstream TAATTATGACTACAGCTCTTGAA

>RXA01203-upstream

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>RXA01203

>RXA01204-upstream

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>RXA01204

>RXA01216

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12.

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>RXA01216-downstream
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>RXA01225-upstream
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>RXA01225

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>RXA01225-downstream TAGGTTATCCAAGCCTAATACAC

>RXA01227-upstream

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>RXA01227

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>RXA01227-downstream TAGGACCTGATATCGGCCCTAAA

>RXA01242-upstream CGCCGGCAACCAAATGAGGCTTTTGGGCGTTGGACAGTGAGACAATGGGTAAGAAATTCG GACATATTTAGTAAATTGGCTTTTTGCTTTAAGGAGTGAC

>RXA01242

>RXA01242-downstream
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>RXA01243-upstream

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>RXA01243

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>RXA01243-downstream TAGACCACGCAAAAAGCCTCAAA

>RXA01259-upstream

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>RXA01259

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>RXA01259-downstream
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>RXA01262-upstream

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>RXA01262

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>RXA01262-downstream TAAGTGGAAAGAATCTTTTGTTG

>RXA01311-upstream

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>RXA01311

>RXA01311-downstream TAGTCTTTAATCCAAGTAAGTAC

>RXA01312

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>RXA01325-upstream

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>RXA01325

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>RXA01325-downstream TAGTTTGGCGTTCTAATCGGGAC

>RXA01332

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>RXA01350-upstream

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>RXA01350

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>RXA01695-downstream TAAATCTTCTAACTGCTTTCTTT

>RXA01702-upstream

>RXA01702

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>RXA01702-downstream TAATCTCAGCAGTTAAAAAGGGC

>RXA01705-upstream

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>RXA01705

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>RXA01743-upstream

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>RXA01743

>RXA01744

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>RXA01744-downstream TAACCATGGATCTCAATACCTTT

>RXA01745

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>RXA01758

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>RXA01758-downstream
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>RXA01814-upstream

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>RXA01814

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>RXA01839-upstream TTCCTGCTGCCAGGTGTC

>RXA01839

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>RXA01851-upstream

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>RXA01851

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>RXA01859-upstream

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>RXA01859

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>RXA01859-downstream
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>RXA01865-upstream

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>RXA01865

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>RXA01865-downstream
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>RXA01882-upstream

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>RXA01882-downstream TGAATAGCGTAAATAATTCCTCG

>RXA01884

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>RXA01887-upstream

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>RXA01887-downstream TAACCATGACTTTTAAACTCGCA

>RXA01888-upstream

>RXA01888

>RXA01891

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>RXA01895

>RXA01901-upstream

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>RXA01919

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3.

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>RXA02026

>RXA02028-upstream

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>RXA02055

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>RXA02147-upstream

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>RXA02147-downstream TAAGAAATAGTTCGTCAGGAGAA

>RXA02149-upstream

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>RXA02149

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CCGGTTGGTGCTGTGGGGACTTGCCGTCGCGGGATTTTTGGATCCTGAGTGCGAGGTTGTT
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TTGGGCCTGCCTGTTCGTTTGGAACATGATGCCAACTCAGCAGCGTGGGGTGAGCATCGT
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GGTCATTTGCGTGTTTCGTGGCGGACGCGCATGTGCGTTGGCAAAGAAGACCCTG
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TTCAGCGAGTGGCTGGGCGAAACTTTGGCGATCATTGCTTTTTTTGACCCAGGCATG
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CACTATTCCACCCGCATCGTCGGCGCAAGAATATCGCCCTTTTGGCACCGGTTGCCACACC

 ${\tt CAGTTGGGTGCGGATGCTGGCTGATCGGTGTCGCTGATCTAGCTCGACGCTCTGTAGTGGAAGCCAAC}$

>RXA02149-downstream TAGGTGTTTTTCGGTGGGCTGCG

>RXA02175-upstream

 ${\tt TGACATGCGCTTGGCGCATCCCAGTTGGTAAGAATAAACGGGACTACTTCCGTAATCCGGAAGAGTTTTTTTCCGAACAAATATGTTTGAAAGGGATATC}$

>RXA02175

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>RXA02196-upstream

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>RXA02196

>RXA02196-downstream TAAAACCAGGTGGGGGAGTGAAA

>RXA02209

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>RXA02209-downstream
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>RXA02213-upstream

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>RXA02213

>RXA02245-upstream

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>RXA02245

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>RXA02245-downstream TAAATGGATGTTGCGCACGCGTT

>RXA02256-upstream

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>RXA02256

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>RXA02256-downstream
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>RXA02257-upstream

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>RXA02257

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>RXA02257-downstream



>RXA02258-upstream

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>RXA02258

>RXA02258-downstream TAAAGTACAGAGCTTTAAAGCAC

>RXA02259-upstream

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TTTTTTATCTCATGCACGCCAACACCCTCAATGTGAAAGA

>RXA02259

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5.

>RXA02259-downstream TAGTCCAGCCGGCTGGGTAGTAC

>RXA02288-upstream

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>RXA02288

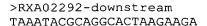
>RXA02288-downstream TAAGATGGCTTTGGTTCTTGGAA

>RXA02292-upstream

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>RXA02292

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AGCGGAACCTGCACGATCAAAGCGCCAGCCATCATTGAATACGGCTTCAACACCACGATC
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GACTGGGAAATGCGCTCCGGTGGGTGGGAAAATGGCGCACCCATTTCCATTGGCGAGGAT
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CCTGCGCGGGGCCCGTGGTGACCAAGGATATTCCGGATGATTCTATTGCTGTGGGCAAC
CCTGCCGCGAGTAGTGCGGAAACGTGATGATAGCCGGCTCGAACGTTCGCAGCTGCCAGAA
GGTGCTTCCGTGGATGCGTTGGGGATATTCCTACAAAATCACCTAGGCTGCCAGAAAAAT



>RXA02322-upstream

>RXA02322

>RXA02326-upstream

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>RXA02326

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CACCTCGTTGGTGCGGGTGTGGATCCAGCAGACTTTGCTGCCGATCCACAAAAGTACGAC
ATCCCAGACTCTGTCATCGCGTTCCTGCGCGGCGAGCTTGGTAACCCTCCAGGTGGCTGG
CCAGAGCCACTGCGCACCGCGCACTGGAAGGCCGCTCCGAAGGCAAGGCACCTCTGACG
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AGCCTCAACCGCCTGCTGTTCCCGAAGCCAACCGAAGAGTTCCTCGAGCACCGTCGCCGC
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TCCTCCAACAAGGGCCATGTTGCTGCACCATTCGCTGTTTTCACCGTGACTGTTGCT
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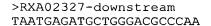
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>RXA02327-upstream

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>RXA02327

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>RXA02328

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>RXA02329

>RXA02332-upstream

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>RXA02332

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ATCGACGATCCCAACAATGCTGCCGACTGGATGGGCAAGGCGTTGGATCGTAAAGAACGC
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>RXA02333

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>RXA02379

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TGGAGCGTGCGGCCTGAGGTGGAAAACAACAAGTCATGGCTGCATGACAATAAAACTGTC
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>RXA02399-upstream

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>RXA02404

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>RXA02453

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>RXA02474-upstream

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>RXA02474

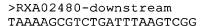
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>RXA02480



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>RXA02481

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>RXA02485-upstream

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>RXA02551

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>RXA02596

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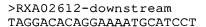
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>RXN00013-upstream

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>RXN00013

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4.1

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>RXN01130

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>RXN01554

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>RXN01569

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>RXN01580-upstream

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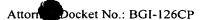
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>RXN01593-upstream

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>RXN01744-upstream

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>RXN01891

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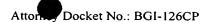
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>RXN02480

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>RXN02554

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>RXN02675

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>RXN02765

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>RXN03044-downstream TAAATCACCTCAAGGGACAGATA

>RXN03056-upstream

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>RXN03056

>RXN03056-downstream TAAGGACAACTGATAATGACAAA

>RXN03057-upstream

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>RXN03057

>RXN03057-downstream TGAACCATGCTATTGGTGATACA

>RXN03061-upstream

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>RXN03061

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>RXN03076-upstream

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>RXN03076

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>RXN03076-downstream TAGTTTCCTGGCTGCTCCCGGTT

>RXN03083-upstream
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>RXN03083

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>RXN03083-downstream TGAGCCCCATCCGTTTGAAGACT

>RXN03086-upstream
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>RXN03086

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>RXN03087-upstream

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>RXN03096-upstream

>RXN03096

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>RXN03101

>RXN03112-upstream

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>RXN03112

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>RXN03117-upstream
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řk.

>RXN03117

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>RXN03144

>RXN03144-downstream TGAATCTCTTTTCGAATGGTGTT

>RXN03150-upstream

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>RXN03150

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>RXN03150-downstream TAATCCAAACTGCACCTATATAT

>RXN03179

>RXN03180

>RXN03180-downstream TAAACATACAGTCCCCGTGATGT

>RXN03186-upstream

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>RXN03186

>RXN03187

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>RXN03187-downstream
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>RXS00584 - 5'-Region

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>RXS00584 - coding Region

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>RXS00584 - 3'-Region TAATTAAGGGCGCTAGACTGTTA

>RXS01260 - 5'-Region

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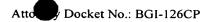
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>RXS01260 - 3'-Region TAGAATCCACCTCGTTGGCCCTG

>RXS01261 - 5'-Region

>RXS01261 - coding Region



>RXS01261 - 3'-Region TGAAGTTGCCCATACCTTTACCC

>RXS01758 - 5'-Region

>RXS01758 - coding Region

>RXS01758 - 3'-Region
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>RXS02574 - 5'-Region

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>RXS02574 - coding Region

>RXS02574 - 3'-Region TGAAGTTACCAGTCCGTAACCCC

>RXS02735 - 5'-Region

>RXS02735 - coding Region

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>RXS02735 - 3'-Region TAAGCAGCGCCAGCTCTAACAAG

>RXS03215 - coding Region

RXS03215 - 3'-Region TAGAAACTATTCAGAAAGCATCACCATGAA

>RXS03224 - 5'-Region

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>RXS03224 - coding Region

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>RXS03224 - 3'-Region TAGTTGTCGGTTCAAGGGTAGGGGAACAAA

>RXC00233 - 5'-Region

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>RXC00233 - coding Region

>RXC00236 - 5'-Region

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>RXC00236 - coding Region

>RXC00236 - 3'-Region
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>RXC00271 - 5'-Region

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>RXC00271 - coding Region

>RXC00271 - 3'-Region TGATCGGCGCTTTTGAGTTCGGA

>RXC00338 - 5'-Region

>RXC00338 - coding Region

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>RXC00338 - 3'-Region
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>RXC00362 - 5'-Region
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>RXC00362 - coding Region

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>RXC00362 - 3'-Region
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>RXC00412 - 5'-Region CTTTTGACGAACACCACGTCGCGTACGCTTCCTCGGGGCGTTAAACTATTTGTCTTCCAGCTTTTGTCC CCCGACTTTTGTACGAATCGAGGACACCGTC

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>RXC00412 - 3'-Region TGAACGAGATGATCCTCGCAGCT

>RXC00526 - 5'-Region
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CAAGCAAACCGTGGGCCAGGTGATTTAGCCT

>RXC00526 - coding Region

ATGAGCCTCATCGAAATGCGAAATATTGTCAAGACCTACAACATTGGATCTGAAGGTGAACTCACCGTG
TTGCACGGTGTGGATTTCCATGTGGACCGTGGCGAATTCGTGTCGGTTGTGGGTACGTCCGGCTCAGGT
AAATCAACGATGATGAACATCATTGGGTTGTTGGATAAGCCAACTGATGGCACGTACACCTTGGATGGC
GTGGATGTGTTGGATATCAGCGATGATGCTTTTGGCGAGCCACCGCGCTAAATCGATTGGTTTTTCAGAACTTCAATCTGATTGGCCGGATCGATGCGTTGAAGAATGTGGAAATGCCCATGATGTATGCGGGC
ATTCCGGCTAAGCAGCGGAGAAGTCGTGCGGTTGAAATTATTGGAAATGGTCGGGATGGGTGAGCGTCTC
AACCATGAGCCCAATGAGCTTTCGGGTGGTCAGAAGCAGCGCGTTGGCCATTGCTCGCGCGTTGGCGAAC
GATCCTGAGATCATTCTTGCTGATGAACCAACTGGTGCGTTGGATTCTTGCAACGGGCCGGATGGTGATG
GATATTTTCCACCAGCTCAACAAGGAGCAGGGCAAAACCATCGTGTTTATTACTCACAACCCTGAGCTT
GCTGATGAATCTGATCGGGTGGTCACCATGGTTGACGGGCGCATCATTGGGTCAGAACACTCA

>RXC00526 - 3'-Region TGAGCCTTGCAGAATCAATTCTT

>RXC01004 - 5'-Region

CCGGACGCTGGATCGCACGAGTAACGGTCATGGAAGATCGACGCATCGACAAAGCCGTTCTCACCCCCATCACCCATGAAGAAGCAAAGGAGTACGAAAA

>RXC01004 - coding Region

GTGAGTATTTGGGCAACTGTCCTTCTAATTATCGTCCTTCTTTCCGCCAACGCCTTCTTCGTGGCCGCG GAGTTCGCACTGATTTCCTCGCGCCGGGACCGCCTGGATTCCCTGGTATCCCAGGGTAAAAAAGGGAGCT TGTTCTCTGATTCTGGGTAAAGTCGCAGAACCTGCGATCGCCCACTTCATTGAGGTGCCTTTCACCTCC TGGGGTGTTCCAAATGATTTGATCCACCCAATTTCCTTCGTCATCGCACTGGCGATCATCACCTGGTTG CACATTCTCTTTGGTGAAATGGTGCCAAAGAACATCGCTATTGCTGGCCCTGAAACCTTAGGCATGTGG CGTCTGACCCTTCGCGCCTTTGGTGTGGAGCAAAAAAACGAGCTGGATTCCACCGTGGACCCAGAGCAG AAGGCGCTGCGCTCTGAGCAGCGTTCCATCAAGGAACTGGTGATTAAGGATGAGGACGTGCGCACGCTG GCGTTCGGTAAATCTGGCCCGACCTTGCACCAGTTGGAGGAAGCAGTCCGCGAGACCGGTTTCTCCCGC TTCCCTGTCACCGGCCGCGATGGATCCTACTTGGGTTATATCCACATCAAGGATATTTTGCCTCGTCTG GCTGATCCTGAGATGGATCCCTCCGAGACCATTCCGCGTTCTGCACTGCGCCCTTTGAGCAATGTGGAT GCCGACGGCCTCATGGATGACGTCTTGGATTTTATGCACTACCGCTCCGCGCACATGGCTCAGGTTCGC CTCAAAGGTGAGCTTCTCGGCGTGATTACGCTGGAGGATCTCATCGAAGAATACGTGGGCACCGTCAAC GATTGGACTCACGAAAGCTCCGACGAC

>RXC01004 - 3'-Region TAGAAATAGTAACTGTGTTGGAC

>RXC01017 - 5'-Region

GAAATTTGAGGGGGGCCTACCCTTAGAAGGTGCGCAATGACACCACGATAGTTCGCGCCTAGTGTGGAT TGCTAGAAAACTTTAAGAAAGAGGAAATAAT

>RXC01017 - coding Region

ATGGCTCAAAAAGTAACCTTCTGGTTCGATACCACCTGCCCATTCTGCTGGGTCACCTCCCGCTGGATT
AAGGAAGTCGAACAAGTCCGCGATATTGAAATCCAGTGGGTTCCAATGAGCCTCGCTGTCCTAAACGAA
GGCCGTGATCTCCCAGAGGATTACAAGGAGCGCATGAAGGCTGCATGGGGACCAGCACGCGTTTTCGCA
GCTGTCGCCACCGACCATGCTGACAAGCTCGGCGACCTGTACACCGCAATGGGTACCCGCATCCACAAC
GACGGTCGCGGACCAATCGAAGGTTCCTTCAATGATGTCATCGCAGAGGCACTTGAAGAGGTCGGCCTA
GACGCTGCACTTGGTGAAGTTGCAGACACCACCGAATGGGACGACGTCCACCAGACC
GCAATGGACGAGGTCGGCAACGATGTCGGAACCCCAGTGGTCAAGCTCGGCGACACCGCTTTCTTCGGC
CCAGTGCTCACCCGCATCCCACCGCGGCGAGGAAGCAGGAGAACCTTCGACGCTTCCACCAAGCTCGCA
AGCTATCCCCACTTCTTTGAAATCAAGCGCAGCCGCACTGAGAACCCACAGTTCGAC

>RXC01017 - 3'-Region
TAATTAACGCTGTCTCTGCTTAT

>RXC01021 - 5'-Region

>RXC01021 - coding Region

>RXC01212 - 5'-Region

TTTAGAAGCCACATGACATATGTCATGAAAATTATGTGCAAAGTGCAGTAATACTCCTGACATATGGCTCTACCAGCGCCAATGCGAAGTAGGAAGAATT

>RXC01212 - coding Region

>RXC01212 - 3'-Region
TAGAATCTTTAAGGAGACCACAA

>RXC01306 - 5'-Region

>RXC01306 - coding Region

ATGACTGAATGGTATGTCGTTTTACCCGCCACTATTCTACTCATCGCGCTGTCTGCGTTTTTCGTCATC ATTGAGTTCGCTTTGCTTGCAGCTAGGCGGAACCGGTTAGAGGAGACTGTGGAAACCTCGCGGTCTTCCCCGCGCTTGCGAAGCCTCAATGAACTTACTCTCATGCTCGCGGCGCGCAGTTGGGAATCACCATG

GTGACTTTCGCGTTGGGTGCTATCACGAAGCCGTGGGTTCATTATGCTTTGATGCCGCTCTTCGAATGG
GCGCGTATACCGCTGGTTATGGCAGATGTCATTGCGTTTATTTTTGTCGCTGTTTATCGTAACGTTTCTG
CACTTGGTCATCGGCGAAATGGCTCCGAAATCCTGGGCAATCGCGCATCCGGAGACGGCACTTCGAACT
ATCGCGATTCCCGCACGGGGCTTCATTAACCTGTTTCGTCCATTGCTGCAGTGGATCAACAAAATGGCG
AACGATTTGGTCCGCAAAGTTGGTGAAAACTCCCGTTGATCGAGCTGCAGCTGGTGGCTATGACACCGAT
ACCCTCCATGCCCTCATTGAGCATTCCCGAGAAACTGGCGCTCTGGATCAGCAATCCGCCGCCCAAATC
AGCGGAATTATCAAGCTGGATAAAATCACGGTCGGTCAAACCCTGACCGCATCTCCATTTACGCACAGC
GCCACCCCCCCACCTTTTCCCACACGTCATTCATGTGCGAGACACCCTTGGTGCCTCGCCAGACGAGAG
GCTTCGAAGTGGTCCCCAATCCTCACCGTTGCTGAGACCCGACCGTTACACCAAGCGCTGGAATAC
ATGCGGGAGCATAACGAGCAGATCAGTGCGGTGCTTTCCGCTGATGGGAAAACGGTGCTTGGTAATA
ACTTGGGATCACATCTTGAAATACCTGTGGCCTGCATCGGTG

RXC01306 - 3'-Region TAGCTAATTTGAGGTGCGCTGAA

>RXC01366 - 5'-Region

 ${\tt ATGCATGAAACCAAAGTTCTATGTGTTGAGCTGCCAAAAGGGGTTGGCGCCGATGATGACTGTCCAAACCTAAACCAAAGGTCTAAACTTTGGCTTC}$

>RXC01366 - coding Region

GTGAGTCAGTTTCGTCGTTGTTCCCGCCCTGGTTGTGGCAAGCCTGCCGTCGCAACCCTCACCTACGCA
TATTCGGATTCCACTGCGGTGGTTGGTCCTTTGGCGCCTGCAGCAGAGCCCCATAGTTGGGATCTGTG
GAGCATCATGCCGAGCGTATTACTGCGCCCCTTGGTTGGGAGATGCTGCGGGTGAACGACATCAAAGTC
GATGACGATGAGGATCTGACGGCTCTTTGCTCAGGCTGTTCGTGAGGCTGGACGCACTGTGAGTGGTCTG
GTTCCTGAAGACGAAGTGGGCGGCAACCATCCGGTGAACCGAGTGCGCGGATCGCGGAACAGAAGGTT
CACCGCAGGGGTCATCTCTATGTTGTGCCTGATCAGGACGAATCA

>RXC01366 - 3'-Region
TAAGGTTTGCTATTCGGATTGGA

>RXC01372 - coding Region

CAGGACACCTTCGTCCTTCCCACCTTGCCCACGGCCGCAGGCTTGTCGCCTGCCCGCATCGTGGCGTCG
ATAAGCACTCTTTTAGATCTTTTAGAAGCAGACCCCAGCATTATTTCCGACCGCTTGGAACACCTCGCC
GACTGCATTGATGAGGAAGTGGAATCGCTATCGCCGGAACGTGACGAACTAGTCAATCCCGGCCGAAAA
CTGCGCGCATACGTAGATCACGCACGGATCGTGCATACCGGCCGAACTGATGTGGGACTCGCGATTGCC
AACGTTATCGCCCCAATCTGGACCCGACGAGGCCTGGTATCAGCCGTGCTGGATTTTCCCGAGCTCATG
GAATCATTGCCGGAACTCCGCGGACCCGAGCCAATTACCGACGATATATTCCATGACCCATTCATAGAT
GACGAACCCGGGGTGGTACCGTTTAGGGCTGTTGTCTGGGCCGAAGAGGAACCCGGAATCCCCGATGCC
ATGGCGCAAAGCTGCGACGACCTAGCAAAGGGGCGCTGACACAAGCACTGCGTTTGCTGGTGCGCGA
CAGTCAGCCACGACCTATTCCATTGAAGAAAAGGACTTG

>RXC01372 - 3'-Region
TAAATGGAGCTATTGGAAGGCTC

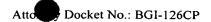
>RXC01659 - 5'-Region

 ${\tt TTGATGCGCGCGGTGAGCAGCCTGCCGATCCAGAGCGTGAAGAATCTGATGATTTAGTCGAGATTGATACCGTCTCTGGATTCCGCCTGCTCAGTAC}$

>RXC01659 - coding Region

GTGGCGGGGGTTGCGCAGCGTTTTGTCGACGAGCGCATTCACGTCGGTTTGGATTCCATGCCAGAAGCT
GTGACTGCTGTGTGGATGGAATCTGATTGGGTGTTTGGCGAAACCATCAAGGGTTCCACGCCTTCCGAT
TGGGAAGAGATTTTGCGGCCGTTGGCGCTGCTCACGGACGCGTCTTTCACGTTGCCACCTCGTTCCACG
CGTGCGCAAACCTTGGATTTGAAGCATTTGGAACCAAGCCGTCTGAAGCCGGAGCAGCCAGAAAAGCCA
GCGTTTACTCCCAATGCTTCGGAAGAAGATTTGTCTCAGCCGTTGGTGATCCGCCCCGAGGAGCCGTTG
CAGATGCCGGTTCGCGGTGTGCAGGAAAGCCGCGGAGTGGTCGAGCCACGGTCATTGGGTGCGGATGAT
GTGGAGTCGATTGCGGAGGGCGATCCAGAGCGTCCGAGCGATCTTTATGGCACGCGTGTGCTGCGTGAT
CTCAATGGTCAGTCCAGTATTTTCCAAGATTCCACCGACGCGGATGAGCCACCAAAAAAAGTGG

>RXC01659 - 3'-Region TAGAAAACTGGTGTTTTTCGGCC



>RXC01663 - 5'-Region

>RXC01663 - coding Region

>RXC01663 - 3'-Region TGACTGCTGTGTGGATGGAATCT

>RXC01693 - 5'-Region

 ${\tt AGGAGACTGGCTGGTTATTGGCTGGTTTTCTTGGGAAATCGTCATGGGCATTAATCCTAGTCCCAACA} \\ {\tt ATTGCCAGAACCCGAACACTAGGCTTGAACC} \\$

>RXC01693 - coding Region

ATGAATACTGCACCTTTCAAACTCGAAGCTGACTTCGCATCAGCCCTGCCCACCATGGCAGCCCCTGG CAAGGTGAGGAAGCCCCAACCCTGAGCTCGTGATTTTAAATGACGACCTCGCCTACAGCCTCGGGCTT GATCCGACATGGCTTCGCACACCTGAGGGCGTTCAATTTCTTCTCGGACTCAACCCCGAGCCCTTAACA AAAGCAGTTGCGCAGGCCTATTCCGGCCACCAATTCGGACAGTTTGTGGCAAGCCTTGGTGATGGCCGA GCGCTTCTTCTCGGCGAAGCCCGCTCAGCTGACGGCGTACTGCATGATATCCACCTCAAAGGATCTGGA CGAACCCAATTCTCCCGAGGAGCCGATGGACGCCGTCCTTGGCCCCGTCTTACGCGAATACATCATC TCCGAAGCGATGCATTGGTGTTTCCCACCACCAGGTCACTTGCAGTAATTAGCACCGGTAGGAAA ATCCAACGAGGAAGCGTAGCCCCAGGCGCAGTCCTTGTTCGAGTAGCAACCAGCCTCATTCGAGTCGGA TCCTTCCAATACTCCAACATCTCTGGTGGCATCGAACTATCTCAACACCTGGCGAACTATACGATCACC AGGCATTTCCCTTCGTTGGTAGCTGAACTATCCGCACCAACCCCCGCAACTTATGTATCACTGTTTAAA GCGATTCTTCAGCGCCAAGCAGACACCGTTGGAAAATGGACCAGGCTGGGTTTCGTTCACGGAGCCCTC AACACAGACAACACGTTGATATCCGGAGAAACTGTTGACTACGGCCCATGCGCTTTCATGGAGCGCTAC CTCGGATGGAACATGGCCCGCCTCGTAGAAACCCTCCTCCCACTCCTGGGCGCCACACCAGACGAAGGC ATGACAGCAGCCCAAGAAGCTCTCGTAGAATTCGATGACCTCTGCGAACAAGCAATCCGAAAAGAATTC GCCACTGCACTGGGCCTTGACGAGTCAGACACCGGCACGGTAGAGCAGTTCCGTGAACTGCTCTACCTC CATAACCCCGACATCACCACGCTGCTGCGCGCACTCACCGACAACACCGCACCACCGAGTGGCTTTGAA GCATTCGTTCACGACTGGAAAACCCAAGACCCAGATATCGAAGCAATGCGAGCAGTAAATCCACTTTTC ATTCCACGCAATCACCTCGTGGAAGCTGCTCTCGCAGACGCAGTTGAAGGGAATCTAGAAAAGTTCCAC GAACTCCTCGCTGCTGTCACCAATCCTTTTGATCCAACTGCGGGCCCCGATGAACTACGCCTGCCAAGC GAAGAAGGATTTGAAGAAGACTACATGACCTTCTGCGGTACC

>RXC01693 - 3'-Region TAGGACAGATGGTGGGGCAGACG

>RXC01703 - 5'-Region

 ${\tt GTTAGACAAATGGGTAAACAGAGCTGACCTAGCGGAATCCGCCATCAACGAAAGGCATTCCGCGAGGGTTGGGGTCTGCCTCGAACAAATCTTGGGTTT}$

>RXC01703 - coding Region

GTGGCATGGCCATCCAACGCCAAAGAAAAACTGTTTATCCACTGGCACTACTGGTGGCAAGCGCATTAT
CTAGACTGCCTGGTGGATGCTGCTCGTCGACGCACCACAAAGGCCCGTCGCGACCGCATCAGGGACACC
ATCCGCGGCATTTCGGTGCGCAATGTGGGCAAGCTGACCTCGAATCGTTATTACGACGACAAAGCTTGG
CTGGCCCTTGCTCTTGGGCGTGCCGGAAAAGTGCGAAAGGTGCGCACACCAAAATCATTGCCCTCGTTG

>RXC01703 - 3'-Region TAGCCCCGATAGTGTATGTGCTG

>RXC02254 - coding Region

RXC02254 - 3'-Region TAAGGAGTAGGCGTGTCACTGAC

RXC02255 - 5'-Region

GTGTGCAGCGTTGCTGGCAAGTTTTGCTGGAGCACGAAAGCGTTAAGGAGTAGGCGTGTCACTGACGAGTGATATCAAACAAGAATTGGCGCAGGTCCAT

RXC02255 - coding Region

RXC02255 - 3'-Region TAGATGATTGAAGCCTAAAAACG

RXC02435 - 5'-Region

TCATGAATGTAGAACGGATTTATCGACAAGCGCCAGCAAGTACGTTGATCTCTTTAGCCATCATCGCTG
TGTACGCAGTGCGGCCATTCAATCGAGATCA

RXC02435 - coding Region

RXC02435 - 3'-Region TAGA@ACATTCCGCCCATTGCCC

RXC03216 - 5'-Region GCTGTATCACAGTCAGCTGCAGCAGGTGGCGAAACCGTTGCGGTCCCAGCGGCTGCTCTGATCCCTGCA AACAACTAGAAACTATTCAGAAAGCATCACC

RXC03216 - coding Region

RXC03216 - 3'-Region
TAAAAAAACTACGCCTGCCCGCAACGCTT